

Northrup and Gerber Appendix S3.txt

```
# Below is an example of JAGS code used to fit a simple occupancy model with
covariates and a logistic distribution prior

model {
  # Priors
  b0~dlogis(0, 1)
  p~dunif(0, 1)

  #model
  for(i in 1:n.sites){
    psi[i]<-exp(b0)/(1+exp(b0))
    z[i]~dbin(psi[i], 1)
    mu[i]<-p*z[i]
    y[i]~dbin(mu[i], n.occs)
  }
}
```